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Fall 2015

## CHEM 1000

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*University of New Orleans*

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**This is an older syllabus and should not be used as a substitute for the syllabus for a current semester course.**

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## Chemistry 1000, Freshman Seminar for Chemistry Majors

Fri. 2-2:50 PM, SC 2068

Instructor: Prof. Matthew A. Tarr  
Office: CSB 344  
Tel.: 280-6323  
E-mail: [mtarr@uno.edu](mailto:mtarr@uno.edu)

Office Hours: MW 10-12; TTh 12:15-1:15

Prerequisites: Must be chemistry major or receive consent of department

Description: Weekly discussion course to familiarize freshman chemistry majors with career options, current research topics in the chemical sciences, chemical safety issues, scientific ethics, literature resources, and other topics related to the study of chemistry. Pass/Fail grading. One hour of seminar per week.

Credit: 1 credit hour

Text: There is no text book. Appropriate materials will be distributed or can be obtained from the library.

### Student Learning Objectives

Students who complete this course should have a basic understanding of 1) the role of chemists in society, 2) the types of jobs available to students with Bachelor's Master's and Ph.D. degrees in chemistry; 3) how to access scientific literature; 4) ethics in research; 5) basic laboratory safety; 6) general aspects of selected current areas of chemical research; and 7) study requirements for success in chemistry.

### Attendance Policy

Regular attendance is required. **More than 2 unexcused absences will result in a grade of Fail.**

### Exam Schedule

No exams will be given

### Grading

Course grades will be based on attendance, participation, and completion of assignments.

## Chemistry 1000 Syllabus

### Homework

Homework will be assigned periodically and will generally consist of reading and writing assignments.

### Accommodations

It is University policy to provide, on a flexible and individualized basis, reasonable accommodations to students who have disabilities that may affect their ability to participate in course activities or to meet course requirements. Students with disabilities should contact the Office of Disability Services as well as their instructors to discuss their individual needs for accommodations. For more information, please go to <http://www.ods.uno.edu>.

### Academic Integrity

Academic integrity is fundamental to the process of learning and evaluating academic performance. Academic dishonesty will not be tolerated. Academic dishonesty includes, but is not limited to, the following: cheating, plagiarism, tampering with academic records and examinations, falsifying identity, and being an accessory to acts of academic dishonesty. Refer to the Student Code of Conduct for further information. The Code is available online at <http://www.studentaffairs.uno.edu>.

**Plagiarism is a serious offense that can result in failure in a course and dismissal from the university.<sup>1</sup> Students must make special efforts to learn what constitutes plagiarism and how to properly utilize and cite the work of others.**

“Plagiarize 1. To steal and use (the ideas or writings of another) as one’s own. 2. To appropriate passages or ideas from (another) and use them as one’s own . . . To take and use as one’s own the writings or ideas of another.” - definition from *The American Heritage Dictionary of the English Language*, W. Morris, Ed. American Heritage publishing Company, Inc. and Houghton Mifflin Company: New York, 1969.

Verbatim, or word for word copying, is the most obvious form of plagiarism. However, substantially copying the ideas or presentation of another, even when wording has been changed, can also constitute plagiarism.

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<sup>1</sup>International students who are dismissed from the university can lose their visa status, requiring them to return to their home country.

## Chemistry 1000 Syllabus

### Additional Resources

*Chemical and Engineering News* (<http://pubs.acs.org/cen/>)

SciFinder (scientific literature database available in UNO library)

American Chemical Society Journals (available in UNO library or online through UNO connection at <http://pubs.acs.org/about.html>)

Journal of Chemical Education (available in UNO library)

American Chemical Society web site ([www.acs.org](http://www.acs.org))

*The Responsible Researcher: Paths and Pitfalls*, Sigma Xi, 1999 (ISBN: 0-914446-15-0)

Free Tutoring Available On-Campus from the UNO Learning Resource Center:

<http://www.uno.edu/lrc/>

Free Chemistry Tutoring Available in the Chemistry Learning Center - CSB 101

### Approximate Course Schedule

<b>Date</b>	<b>Topic</b>
<i>Aug. 21</i>	<i>No Class</i>
Aug. 28	Introduction: Observation and Chemistry; AXE
Sept. 4	Learning chemistry: The role of memory and understanding in mastering chemistry; UNO Chemistry
Sept. 11	Chem. Dept. Cookout and Volleyball, Noon- (no class at 2 PM)
Sept. 18	Safety in Laboratory Studies
Sept. 25	Chemical Literature
Oct. 2	Nanoscale Science: Fact or Fiction
Oct. 9	The American Chemical Society; Scientific Conferences
Oct. 16	<i>No Class – Fall Break</i>
Oct. 23	Frontiers in Chemistry
Oct. 30	Chemistry Halloween Program
Nov. 6	Ethics, Plagiarism
Nov. 13	What Does it Take to Get a Job?
Nov. 20	The Magic of Chemistry
Nov. 27, Dec. 4	<i>No Class</i>